Claims 1-3, 5-9, 11, 14-15, 17-24, 27, 29-31, and 33-48 are amended herein. Claims 4, 28, and 32 are canceled. All pending claims are produced below.

1. (Currently Amended) A system for permitting ~~user~~ interaction with media data analysis and media representation generation, the system comprising:

a user interface for ~~permitting a~~ receiving instructions from a user to control ~~the~~ an analysis of media content ~~analysis~~ and generation of a ~~media~~ printable representation of the media content ~~generation; and~~

a media analysis ~~software~~ module communicatively coupled to the user interface, the media analysis module configured to analyze ~~for analyzing~~ features of the media content based at least in part on the ~~;the media analysis software module being communicatively coupled to the user interface to receive media content analysis~~ instructions received from the user;

a media representation generation module for generating a printable representation of the media content based at least in part on the analyzed features from the media analysis module and the instructions received from the user; and

an output device for printing the printable representation of the media content to a tangible medium.

2. (Currently Amended) ~~The system of claim 1,~~ A system for permitting interaction with media data analysis and media representation generation, the system comprising:

a user interface for permitting a user to control the media content analysis and media representation generation; and

a media analysis software module for analyzing features of the media content, the media analysis software module being communicatively coupled to the user interface to receive media content analysis instructions, wherein the media analysis software module further comprises content recognition software for recognizing features in media content.

3. (Currently Amended) The system of claim 1, further comprising processing logic for controlling display of [[a]] the user interface.

4. (Canceled)

5. (Currently Amended) The system of claim 1, further comprising hardware for writing a ~~media~~ digital representation of the media content in digital format.

6. (Currently Amended) The system of claim 5, further comprising a storage medium for storing the digital ~~media representations~~ of the media content written in digital format.

7. (Currently Amended) The system of claim 1, wherein the ~~media representation~~ output device is configured to print to a ~~is generated in~~ paper format.

8. (Currently Amended) The system of claim 7, wherein the ~~paper~~ output device is further configured to print ~~format includes~~ at least one user-selectable identifier associated with the media content. ~~allowing a user to access and control media content.~~

9. (Currently Amended) The system of claim 8, wherein the at least one user-selectable identifier comprises at least one barcode ~~printed on the media representation~~ identifying the media content in the printable representation.

10. (Original) The system of claim 8, wherein the at least one user-selectable identifier further comprises at least one play identifier that can be selected to play an associated media content.

11. (Currently Amended) The system of claim 1, further comprising a data structure for representing transformation of the media content.

12. (Original) The system of claim 1, further comprising a communication monitoring module for monitoring communication between the components of the system, wherein the communication monitoring module forwards requests for information and replies to requests among system components.

13. (Original) The system of claim 1, wherein the user interface further comprises a selection menu for allowing a user to select feature analysis to be performed on media content.

14. (Currently Amended) The system of claim 1, wherein the user interface further comprises a field for setting a threshold on confidence values associated with results of analyzing the features of the media content ~~the media content analysis~~.

15. (Currently Amended) The system of claim 1, wherein the user interface further comprises at least one field for managing and modifying display of media information in the printable representation of the media content. ~~on a media representation~~.

16. (Original) The system of claim 1, wherein the user interface further comprises a preview field for previewing active media frames within selected media content.

17. (Currently Amended) The system of claim 1, wherein the user interface further comprises a preview field for previewing the ~~media~~ printable representation ~~being~~ generated by the media representation generation module.

18. (Currently Amended) The system of claim 1, wherein the user interface further comprises at least one content selection field for selecting segments of the media content from at least one source to be displayed in a the printable ~~media~~ representation of the media content.

19. (Currently Amended) The system of claim 18, wherein the content selection field further comprises a selector that a user can slide along the content selection field in order to select segments to be displayed in a the printable ~~media~~ representation of the media content.

20. (Currently Amended) The system of claim 18, wherein the content selection field further comprises a graphical illustration of the media content from which a user can view the media content and select segments of the media content.

21. (Currently Amended) The system of claim 20, wherein the graphical illustration of the media content further comprises an audio waveform timeline displaying audio content.

22. (Currently Amended) The system of claim 20, wherein the graphical illustration of the media content further comprises a video timeline displaying video frames extracted from video content.

23. (Currently Amended) The system of claim 20, wherein the graphical illustration of the media content further comprises a video timeline displaying text extracted from video content.

24. (Currently Amended) The system of claim 18, wherein the content selection field further comprises a field for displaying the results of analyzing the media content analysis, the results being displayed as defined segments along a timeline.

25. (Original) The system of claim 1, further comprising an output device driver module for driving the media content analysis and the media representation generation, the output device driver module being communicatively coupled to the user interface to receive user instructions.

26. (Original) The system of claim 25, further comprising an augmented output device for generating a media representation, the augmented output device being communicatively coupled to the media analysis software module to receive transformed

media data, the augmented output device being communicatively coupled to the output device driver module to receive instructions for media representation generation.

27. (Currently Amended) A method for permitting ~~user~~ <u>user</u> interaction with media data analysis and media representation generation, the method comprising:

> ~~interacting with an interface~~ <u>receiving instructions from a user</u> to control ~~the~~ <u>an</u> <u>analysis of</u> media ~~data analysis~~ <u>content</u> and <u>generation of a</u> ~~media~~ <u>printable</u> representation ~~generation~~ <u>of the media content</u>;

> analyzing features of <u>the</u> media data <u>based at least in part on the instructions received</u> <u>from the user;</u>

> <u>generating a printable representation of the media content based at least in part on the</u> <u>analyzed features and the instructions received from the user; and</u>

> <u>printing the printable representation of the media content to a tangible medium.</u>

> ~~for media representation generation;~~

> ~~driving the media data analysis; and~~

~~driving the media representation generation, by receiving instructions and sending~~
~~instructions regarding media representation parameters.~~

28. (Canceled)

29. (Currently Amended) The method of claim 27, wherein analyzing features of <u>the</u> media ~~data further~~ <u>content</u> comprises performing speech recognition on the media ~~data~~ <u>content</u>.

30. (Currently Amended) The method of claim 27, wherein analyzing features of <u>the</u> media <u>content</u> <s>data further</s> comprises performing optical character recognition on the media <s>data</s> <u>content</u>.

31. (Currently Amended) The method of claim 27, wherein analyzing features of <u>the</u> media <u>content</u> <s>data further</s> comprises performing face recognition on the media <s>data</s> <u>content</u>.

32. (Canceled)

33. (Currently Amended) The method of claim 27, wherein analyzing features of <u>the</u> media <u>content</u> <s>data further</s> comprises performing speaker detection on the media <s>data</s> <u>content</u>.

34. (Currently Amended) The method of claim 27, wherein analyzing features of <u>the</u> media <s>data</s> <u>content</u> further comprises performing face detection on the media <s>data</s> <u>content</u>.

35. (Currently Amended) The method of claim 27, wherein analyzing features of <u>the</u> media <u>content</u> <s>data further</s> comprises performing event detection on the media <s>data</s> <u>content</u>.

36. (Currently Amended) The method of claim 27, further comprising adding a print function to a media rendering application for printing <s>a media</s> <u>the printable</u> representation <u>of the media content</u>.

37. (Currently Amended) The method of claim 27, ~~further comprising~~ storing ~~the~~ media content on a storage medium that is accessible to ~~an~~ augmented output device.

38. (Currently Amended) The method of claim 27, wherein ~~interacting with an interface to control the media data analysis and the media representation generation~~ further ~~comprises~~ comprising using a user interface to display media content formatting options to a user.

39. (Currently Amended) The method of claim 27, ~~wherein interacting with an interface to control the media content analysis and the media representation generation~~ further ~~comprises~~ comprising receiving a selection of ~~selecting~~ an analysis technique to be applied to ~~the~~ media content, wherein the analysis technique recognizes defined features in the media content.

40. (Currently Amended) The method of claim 27, ~~wherein interacting with an interface to control the media data analysis and the media representation generation~~ further ~~comprises~~ comprising receiving a selection of ~~selecting~~ a threshold value to be applied to confidence levels associated with defined features that are recognized in the media content.

41. (Currently Amended) The method of claim 27, ~~wherein interacting with an interface to control the media data analysis and the media representation generation~~ further ~~comprises~~ comprising outputting a preview of ~~previewing~~ the ~~media~~ printable representation of the media content ~~being generated~~ in a preview field that displays the ~~media~~ printable representation as it is being created.

42. (Currently Amended) The method of claim [[27]] 41, ~~wherein interacting with an interface to control the media data analysis and the media representation generation~~ further ~~comprises~~ comprising receiving a selection of ~~selecting~~ an update field after modifying content on a user interface to update the preview field.

43. (Currently Amended) The method of claim 27, ~~wherein interacting with an interface to control the media data analysis and the media representation generation~~ further ~~comprises~~ comprising receiving a selection of ~~selecting~~ segments of the media content in a field of ~~the~~ a user interface by sliding a selector along a timeline displaying the media content~~.~~

44. (Currently Amended) The method of claim 27, ~~wherein interacting with an interface to control the media data analysis and the media representation generation~~ further ~~comprises~~ comprising selecting a play option on the user interface to play the media content.

45. (Currently Amended) The method of claim 27, further comprising receiving a selection of ~~selecting~~ a print option on a media rendering application, wherein ~~the user interface appears and~~ the user selects parameters for transformation of the media content.

46. (Currently Amended) The method of claim 27, further comprising receiving a selection of ~~selecting~~ a print option on media rendering application, wherein the user interface appears in which default media content transformation has been performed and the media representation is shown in a preview field of the user interface.

47. (Currently Amended) The method of claim 27, wherein ~~generating a~~ printing the printable ~~multimedia~~ representation ~~further~~ comprises printing [[a]] the ~~media~~ printable representation in a paper-based format.

48. (Currently Amended) The method of claim 47, further ~~comprising selecting~~ printing a user-selectable identifier on the paper-based format, the user-selectable identifier when selected instructs a media player to play the associated media content.